

**SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
AIR POLLUTION CONTROL REGULATIONS AND STANDARDS**

**REGULATION 61-62.5
AIR POLLUTION CONTROL STANDARDS**

**STANDARD NO. 2
AMBIENT AIR QUALITY STANDARDS**

The following table constitutes the ambient air quality standards for the State of South Carolina. The analytical methods to be used will be those applicable Federal Reference Methods published in 40 CFR 50, Appendices A-N as revised July 18, 1997. In the case of fluorides either the double paper tape sampler methods (ASTM D-3266-79) or the sodium bicarbonate-coated glass tube and particulate filter method (ASTM D3268-78) may be used.

Pollutant	Measuring Interval	Micrograms Per Cubic Meter Unless Noted Otherwise ^{(1) (2)}
Sulfur Dioxide	3 hours	1300 ⁽⁴⁾
	24 hours	365 ⁽⁴⁾
	annual	80
Total Suspended Particulates	Annual Geometric Mean	75
PM ₁₀	24 hours	150 ⁽³⁾
	annual	50 ⁽³⁾
PM _{2.5} (Primary and Secondary Standards)	24 hours	35 ⁽³⁾
	annual	15 ⁽³⁾
Carbon Monoxide	1 hour	40 mg per cubic meter
	8 hour	10 mg per cubic meter
Ozone	1 hour	0.12 ppm ⁽³⁾
Ozone	8 hours	0.08 ppm ⁽³⁾
Gaseous Fluorides (as HF)	12 hr. avg.	3.7
	24 hr. avg.	2.9
	1 wk. avg.	1.6
	1 mo. avg.	0.8
Nitrogen Dioxide	annual	100
Lead	Calendar Quarterly Mean	1.5

⁽¹⁾ Arithmetic Average except in case of total suspended particulate matter

⁽²⁾ At 25° C and 760 mm Hg.

⁽³⁾ Attainment determinations will be made based on the criteria contained in 40 CFR 50 Appendices H, I, K and N.

⁽⁴⁾ Not to be exceeded more than once a year.

R. 61-62.5, Standard No. 2 History - *South Carolina State Register*:

Vol. 9, Issue No. 5, (Doc. No. 457), May 24, 1985;

Vol. 12, Issue No. 4, (Doc. No. 970), April 22, 1988;

Vol. 13, Issue No. 2, (Doc. No. 868), February 24, 1989;

Vol. 28, Issue No. 9 (Doc. No. 2912), September 24, 2004;

Vol. 32, Issue No. 10 (Doc. No. 3224), October 24, 2008.